

**REMARKS**

Claims 1 to 46 were pending in the application at the time of examination.

The Examiner subjected Claims 1 to 46 to a three-way restriction requirement and Applicants verbally elected Claims 4 to 10, 21 to 23, 32 to 37 and 45. The Examiner rejected Claims 7, 8, 10, 35 and 36 under 35 U.S.C. 112, second paragraph. The Examiner rejected Claims 4, 21, 32 and 45 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A).

The Examiner rejected Claims 5 to 7, 22 and 33 to 35 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A).

The Examiner rejected Claims 8, 9, 23, 36 and 37 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and further in view of Celi (US 005757386A).

The Examiner rejected Claim 10 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and further in view of Celi (US 005757386A) and further in view of Epard (US 005241625A).

Applicants have amended Claims 7, 8, 10, 21, 35, and 36. Consequently, Claims 4, 5, 6, 7, 8, 9, 10, 21, 22, 23, 32, 33, 34, 35, 36, 37, and 45 remain in the Application.

**ELECTION OF CLAIMS**

The Examiner subjected Claims 1 to 46 to a three-way restriction requirement and Applicants verbally elected Claims 4 to 10, 21 to 23, 32 to 37 and 45.

Applicants hereby officially elect Claims 4 to 10, 21 to 23, 32 to 37 and 45.

**REJECTIONS UNDER 35 U.S.C. 112, SECOND PARAGRAPH**

The Examiner rejected Claims 7, 8, 10, 35 and 36 under 35 U.S.C. 112, second paragraph.

Applicants have amended Claims 7, 8, 10, 35 and 36. In light of the amendments to Claims 7, 8, 10, 35 and 36, Applicants respectfully request the Examiner withdraw the rejection of Claims 7, 8, 10, 35 and 36 under 35 U.S.C. 112, second paragraph.

**REJECTION OF CLAIMS 4, 21, 32 AND 45**

The Examiner rejected Claims 4, 21, 32 and 45 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A).

Applicants' Claim 4 reads as follows, with emphasis added:

A method for reducing the storage or bandwidth requirements of a graphics image or reducing CPU usage in a computer system, the method comprising:  
    recording a text command executed to create a portion of the graphics image;  
    using said text command to update a data structure with information; and  
    **compressing one or more sub-images of the graphics image using a compression scheme, each of said sub-images having a location, said location and said compression scheme for each of said sub-images**

chosen based on said information in said data structure.

Applicants' Claim 21, as amended, reads as follows, with emphasis added:

An apparatus for reducing the storage or bandwidth requirements of a graphics image or reducing CPU usage in a computer system, comprising:  
a text command recorder;  
a data structure updater coupled to said text command recorder; and  
an image compressor coupled to said data structure updater, said image compressor for compressing one or more sub-images of the graphics image using a compression scheme, said compression scheme for each of said sub-images chosen based on said information in said data structure.

Applicants' Claim 32 reads as follows, with emphasis added:

An apparatus for reducing the storage or bandwidth requirements of a graphics image or reducing CPU usage in a computer system, the apparatus comprising:  
means for recording a text command executed to create a portion of the graphics image;  
means for using said text command to update a data structure with information; and  
means for compressing one or more sub-images of the graphics image using a compression scheme, each of said sub-images having a location, said location and said compression scheme for each of said sub-images chosen based on said information in said data structure.

Applicants' Claim 45 reads as follows, with emphasis added:

A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for reducing the storage or bandwidth requirements of a graphics image and reducing CPU usage in a computer system, the method comprising:

recording a text command executed to create a portion of the graphics image;

using said text command to update a data structure with information; and

**compressing one or more sub-images of the graphics image using a compression scheme, each of said sub-images having a location, said location and said compression scheme for each of said sub-images chosen based on said information in said data structure.**

As shown above each of Applicants' independent Claims 4, 21, as amended, 32 and 45 recites "compressing one or more sub-images of the graphics image using a compression scheme... said compression scheme for each of said sub-images chosen based on said information in said data structure" or words to the same effect.

Applicants respectfully submit that the Examiner has failed to point out where in the Torborg reference or the Smith reference it is disclosed, taught or suggested "compressing one or more sub-images of the graphics image using a compression scheme... said compression scheme for each of said sub-images chosen based on said information in said data structure" as recited in Applicants' Claims.

For the reasons discussed above, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are patentable over the Torborg reference, the Smith reference, or any proper

combination of the Torborg reference and the Smith reference. Therefore, Applicants respectfully request the Examiner withdraw the rejection of Claims 4, 21, as amended, 32 and 45 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and allow Claims 4, 21, as amended, 32 and 45 to issue.

**REJECTION OF CLAIMS 5 TO 7, 22 AND 33 TO 35**

The Examiner rejected Claims 5 to 7, 22, and 33 to 35 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A).

As discussed above, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are patentable over the Torborg reference, the Smith reference, or any proper combination of the Torborg reference and the Smith reference. Applicants further submit that the addition of the Tasfe does nothing to cure the deficiencies of the Torborg reference and the Smith reference. Consequently, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are also patentable over the Torborg reference, the Smith reference, the Tasfe or any proper combination of the Torborg reference, the Smith reference, and the Tasfe references.

Claims 5 to 7 depend, directly or indirectly, on Claim 4, Claim 22 depends on Claim 21, as amended, and Claims 33 to 35 depend, directly or indirectly, on Claim 32. Therefore, Claims 5 to 7, 22, and 33 to 35 include all of the features and limitations of their respective parent Claims 4, 21, as amended, and 32. Consequently, Applicants respectfully submit that Claims 5 to 7, 22 and 33 to 35 are also patentable over the Torborg reference, the Smith reference, the Tasfe or any proper combination of the Torborg reference, the Smith

reference, and the Tasfe references and Applicants respectfully request the Examiner withdraw the rejection of Claims 5 to 7, 22, and 33 to 35 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and allow Claims 5 to 7, 22, and 33 to 35 to issue.

REJECTION OF CLAIMS 8, 9, 23, 36 AND 37

The Examiner rejected Claims 8, 9, 23, 36 and 37 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and further in view of Celi (US 005757386A).

As discussed above, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are patentable over the Torborg reference, the Smith reference, the Tasfe or any proper combination of the Torborg reference, the Smith reference, and the Tasfe references. Applicants further submit that the addition of the Celi reference does nothing to cure the deficiencies of the Torborg reference, the Smith reference and the Tasfe reference. Consequently, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are also patentable over the Torborg reference, the Smith reference, the Tasfe and the Celi reference, or any proper combination of the Torborg reference, the Smith reference, the Tasfe and the Celi reference.

Claims 8 and 9 depend, directly or indirectly, on Claim 4, Claim 23 depends on Claim 21, as amended, and Claims 36 and 37 depend, directly or indirectly, on Claim 32. Therefore, Claims 8, 9, 23, 36 and 37 include all of the features and limitations

of their respective parent Claims 4, 21, as amended, and 32. Consequently, Applicants respectfully submit that Claims 8, 9, 23, 36 and 37 are also patentable over the Torborg reference, the Smith reference, the Tasfe, the Celi reference, or any proper combination of the Torborg reference, the Smith reference, the Tasfe and the Celi reference and Applicants respectfully request the Examiner withdraw the rejection of Claims 8, 9, 23, 36 and 37 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and further in view of Celi (US 005757386A) and allow Claims 8, 9, 23, 36 and 37 to issue.

#### REJECTION OF CLAIM 10

The Examiner rejected Claim 10 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and further in view of Celi (US 005757386A) and further in view of Epard (US005241625A).

As discussed above, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are patentable over the Torborg reference, the Smith reference, the Tasfe and the Celi reference, or any proper combination of the Torborg reference, the Smith reference, the Tasfe and the Celi reference. Applicants further submit that the addition of the Epard reference does nothing to cure the deficiencies of the Torborg reference, the Smith reference, the Tasfe reference and the Celi reference. Consequently, Applicants respectfully submit that Claims 4, 21, as amended, 32 and 45 are also patentable over the Torborg reference, the Smith reference, the Tasfe, the Celi reference and the Epard reference, or any proper

combination of the Torborg reference, the Smith reference, the Tasfe, the Celi reference and the Epard reference.

Claim 10 depends, indirectly, on Claim 4. Therefore, Claim 10 includes all of the features and limitations of parent Claim 4. Consequently, Applicants respectfully submit that Claim 10 is also patentable over the Torborg reference, the Smith reference, the Tasfe reference, the Celi reference, the Epard reference or any proper combination of the Torborg reference, the Smith reference, the Tasfe the Celi reference and the Epard reference and Applicants respectfully request the Examiner withdraw the rejection of Claim 10 under 35 U.S.C. 103(a) as obvious over the Torborg reference (US 005936616A) in view of the Smith reference (US 005212770A) and further in view of Tasfe (US 005179651A) and further in view of Celi (US 005757386A) and further in view of Epard (US005241625A) and allow Claim 10 to issue.

#### CONCLUSION

For the foregoing reasons, Applicants respectfully request allowance of all pending claims. If the Examiner has any questions relating to the above, the Examiner is respectfully requested to telephone the undersigned Attorney for Applicants.

#### **CERTIFICATE OF MAILING**

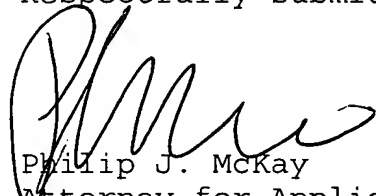
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Attorney for Applicants

July 22, 2005  
Date of Signature

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